

Work Order ID 80616

February-24-12 12:36:19 PM

80616

Page 1

Item ID: D2916-7

Revision ID:

Item Name: Cable Guard, 212 Skidtube

Start Date: 2/24/12

Start Qty: 1.00

Required Date: 2/29/12

Req'd Qty: 1.00

Reference:

Accept

N900040100

Setup Start

NS1

Stop

NS2

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D2916

Rev D

100

0.00

100

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D2916 Dwg Rev: B Prog Rev: B 2-
Deburr if necessary

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

120

0.00

120

HAAS CNC VERTICAL MACHINING #1

HAAS 1

Memo

0.00

HAAS CNC vertical machine #1

BATCH: _____ 1- Mill as per Folio FB077 Rev: AA
& Dwg D2916 Rev: B 2-Deburr per dwg D2916

Note: Prog. are in CNC NCC/Orange/D2900/D2916/D2916-7/Temp Rev.B

Work Order ID 80616***80616***

Page 2

February-24-12 12:36:19 PM

Item ID: D2916-7

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cable Guard, 212 Skidtube

Start Date: 2/24/12 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 2/29/12 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC2- Inspect parts off machine FAI/FAIB

0.00

JL 12-02-29

130

QC

Memo

0.00

Quality Control

140

QC8- Inspect parts - second check

0.00

140

QC

Memo

0.00

Quality Control

150

Identify as per dwg & Stock Location: S 205 0.00

150

Packaging

Memo

0.00

Packaging

1 mzz

(20)

SP

12-03-01

Work Order ID 80616***80616***

Page 3

February-24-12 12:36:19 PM

Item ID: D2916-7

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cable Guard, 212 Skidtube

Start Date: 2/24/12 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 2/29/12 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: Date:

Run Start ***NR1***

QC: Date:

Stop ***NR2***

Tooling: Date:

SPC (Y/N): Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	-----------	------------	------------	---------------	-------------

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

C Ken 12/3/1

u120301

Picklist Print

February-24-12 12:36:19 PM

Page 1

Work Order ID: 80616

Parent Item: D2916-7

Parent Item Name: Cable Guard, 212 Skidtube

Start Date: 2/24/12

Required Date: 2/29/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 06-06-19 JLM
IPP Rev:B Now water jet 06-07-14 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MUHMWB10 UHMW 1" Black		Purchased	No			100	sf	599.5243	0.26	0.2736842			

Location

Loc Qty

Loc Code

MAT018

341.88

120035

88.88

120401

253

MAT019

257.6443158

117321

74.6

117738

93.8

117819

83.3

118814

1.5

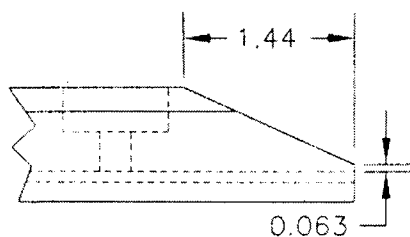
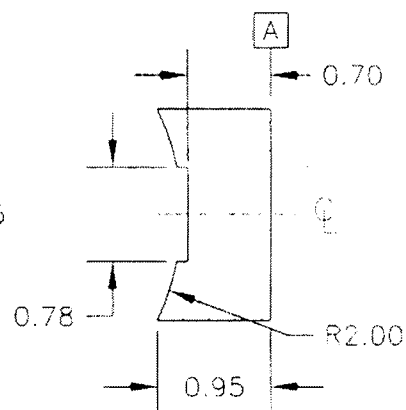
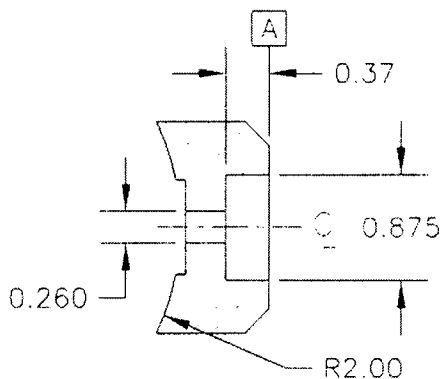
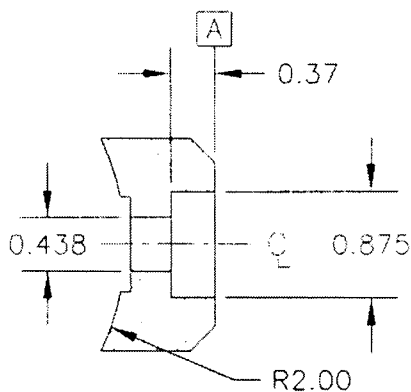
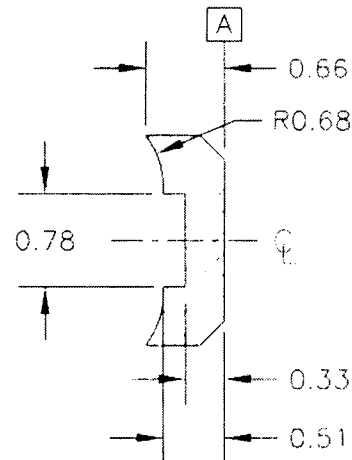
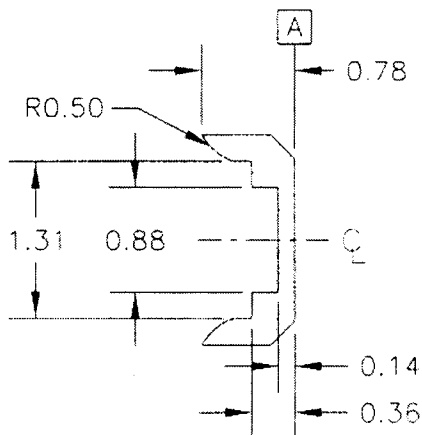
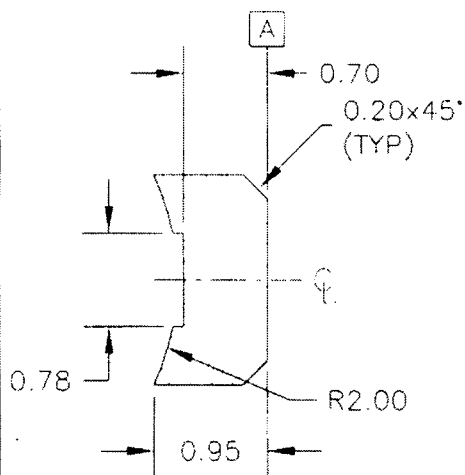
119145

4.44431579

WJ 12.02.27

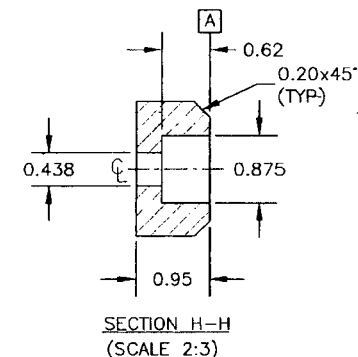
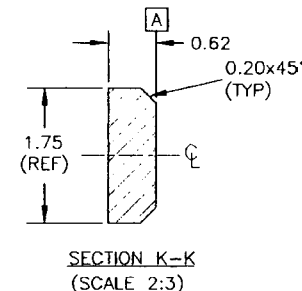
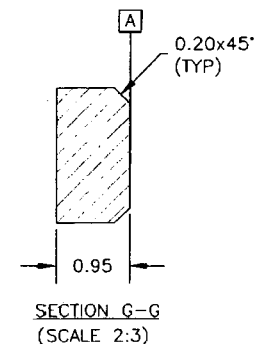
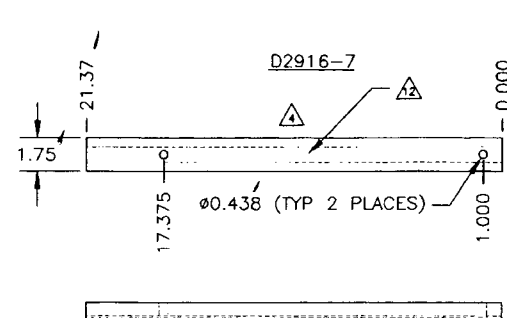
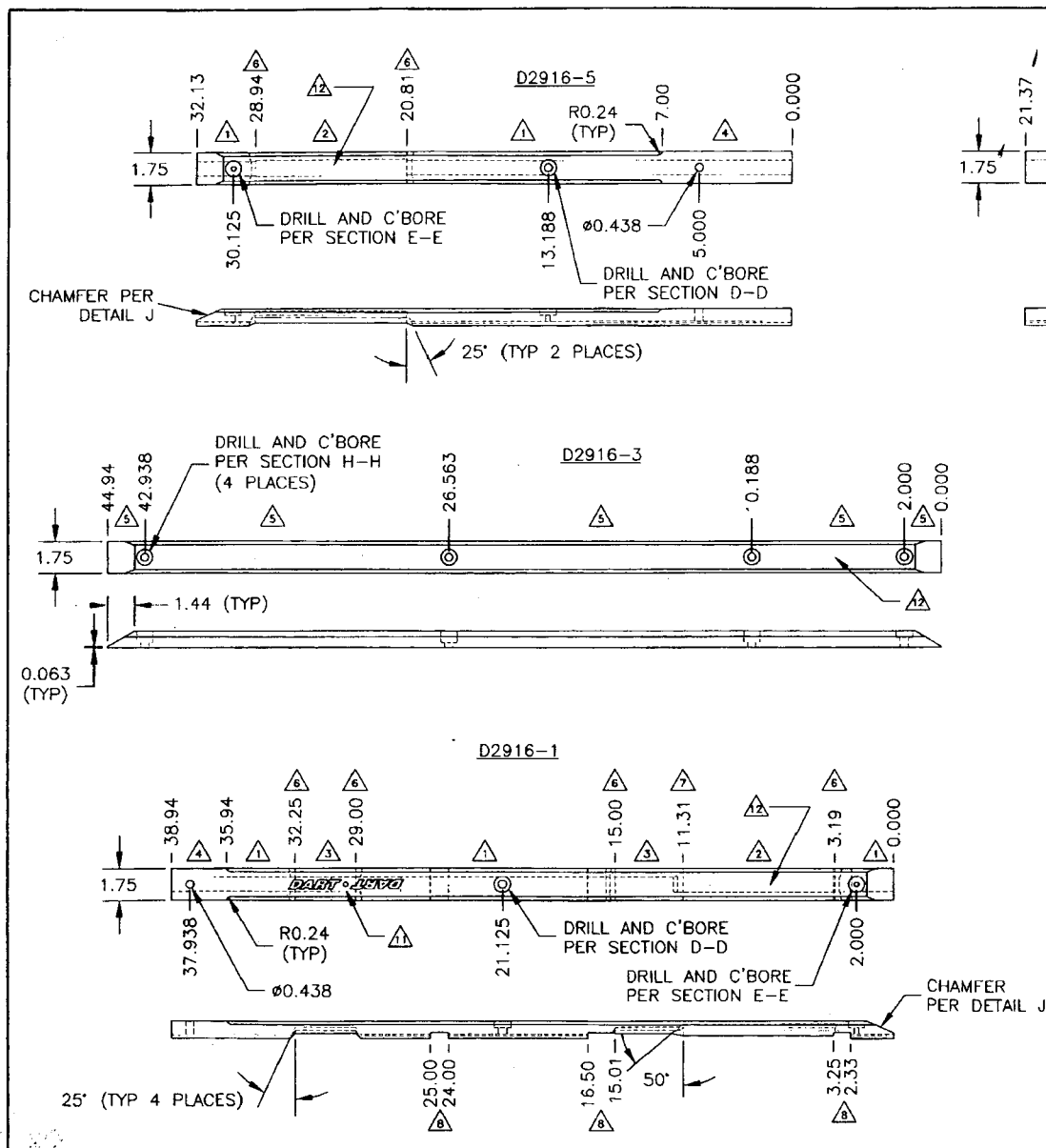


DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2916	REV. B SHEET 1 OF 2
DATE 00.02.24		TITLE CABLE GUARD	SCALE 1:6
A	99.09.29	NEW ISSUE	
B	00.02.24	ADD K-K FOR D2521 COMPATIBILITY	



DETAIL J
(SCALE 2:3)

RELEASED
00.02.25 DS



- NOTES:
- 1) MACHINE CONSTANT SECTION A-A
 - 2) MACHINE CONSTANT SECTION B-B
 - 3) MACHINE CONSTANT SECTION C-C
 - 4) MACHINE CONSTANT SECTION F-F
 - 5) MACHINE CONSTANT SECTION G-G
 - 6) 25° ANGLE OF TRANSITION BETWEEN SECTIONS WITH MIN RADIUS OF 0.50
 - 7) 50° ANGLE OF TRANSITION BETWEEN SECTIONS WITH MIN RADIUS OF 0.50
 - 8) MACHINE SLOT PER SECTION K-K WITH 0.063 RADIUS OF TRANSITION BETWEEN SECTIONS
 - 9) MATERIAL: UHMW BLACK PER SPEC CONTROL DWG D2689
 - 10) BREAK ALL UNMARKED RADII 0.020 TO 0.040
 - 11) ENGRAVE TWO DART LOGOS (OPPOSITE AS SHOWN) ON UPPER SIDE TO MAX DEPTH OF 0.015 AND MIN RADIUS OF 0.250.
 - 12) ENGRAVE P/N ON LOWER SIDE TO MAX DEPTH OF 0.010 AND MIN RADIUS OF 0.010.
 - 13) ALL HOLES DRILLED ON CENTERLINES
 - 14) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 15) ALL DIMENSIONS ARE IN INCHES

RELEASED

DESIGN	DRAWN BY	DART DART AEROSPACE LTD	REV. B
CHECKED	APPROVED	DRAWING NO. D2916	SHEET 2 OF 2
DATE	TITLE	CABLE GUARD	SCALE
00.02.24			1:6



Request For Quote ☒
 Sale Order ☒
 Purchase Order ☐

Date of Creation

24/2/2012

RFO/S O/P.O. Number

Customer Billing Details

Sales Rep:		
Customer Name:		SACRAMENTO METROPOLITAN FIRE DISTRICT
Contact Name:		STEVE HEIBERGER
Customer P.O.:		CSR12-88 / SMFD PO 2797-115
Customer Code:		SACR01
Customer Billing Details Shaded areas must be filled in	Address	
	City / State	
	Postal Code	
	Country	
Customer Phone:		
Customer Fax:		
Customer Cell:		
Customer Website:		
Contact e-mail:		
Return Authorization		
Non Conformance		CSR12-88

Shipping Instructions

Company Name:		SACRAMENTO METROPOLITAN FIRE DISTRICT
Contact Name:		STEVE HEIBERGER
Contact Phone:		916-790-0707
Special Instructions:		SHIP MARCH 8, 2012
Customer Shipping Details Shaded areas must be filled in	Address	442 DUDLEY BLVD
	City / State	McCLELLAN / CA
	Postal Code	95652
	Country	US
Method of Payment:		N/A
Card Holder Name:		N/A
Credit Card #:		N/A
ABN / IRS / GST #:		
Freight Forwarder:		UPS
Account #:		1A63V5 (SMFD)
Type of Service:		Int'l Priority
Ppd/Chg USD <input type="checkbox"/>	Collect <input type="checkbox"/>	Prepaid USD <input checked="" type="checkbox"/>
Customs Included <input type="checkbox"/>	USD <input type="checkbox"/>	N/A \$

Product Order List

Item	Qty	Product Number	Product Availability	Product Description	Batch Number	Supplier	Unit Retail Price	Customer Discount	Discount Per Unit	Customer Invoice Amount	DHS Commission	DHS Commission	DHS Invoice Amount
1	1	D2916-7 REV. B	08-Mar	CABLE GUARD		DAS	\$ -	100%	\$ -	\$ -	0%	\$ -	\$ -
2							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
3							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
4							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
5							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
6							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
7							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
8							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
9							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
10							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
11							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
12							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
13							\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -
Sub Total										\$ -		\$ -	\$ -
Freight										\$ -		\$ -	\$ -
Total										\$ -		\$ -	\$ -

All figures are in US dollars

**DHS INTERNAL
CORRESPONDENCE**

CSR12-88. PROVIDING NO CHARGE D2916-7 REV. B
 TO SATISFY CUSTOMER - SMFD TO RETURN
 D2916-7 REV. D ON DAS RA111330.

NOTE: SHIP TO ATTENTION OF STEVE HEIBERGER.

COMMENTS FOR PURCHASE ORDER

CSR12-88. CUSTOMER SATISFACTION.
 REF: D205-665-015 B/N B78474 ON
 INV107232 / SO106935 / DHS-PO 13244/SMFD PO 2797-115.

DART AEROSPACE LTD	Work Order: 80616
Description: Cable Guard, 212 Skid	Part Number: D2916-7
Inspection Dwg: D2916 Rev: B	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☒ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
BLANK						
21.37	+/- 0.030	21.37	✓		M.T	HB-01
1.75	+/- 0.030	1.75	✓		M.T	HB-01
1.000	+/- 0.010	1.003	✓		M.T	HB-01
HAAS						
Ø.438	+0.005 -0.001	.438	✓		Vern	SL-3
17.375	±.010	17.375	✓		m-tape	
1.000	±.010	.995	✓		Vern	SL-3
.95	±.030	.940	✓		"	
.700	±.030	.690	✓		"	
.780	±.030	.780	✓		"	

Measured by: <i>WJW/SL</i>	Audited by: <i>[Signature]</i>	Prototype Approval:
Date: 12.02.27	Date: 12.02.27	Date:

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	